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Search	Most Recent Queries	Time	Result
#14	Search methylotrophus	13:10:38	<u>95</u>
#13	Search #12 OR #11	13:10:26	<u>3</u>
#12	Search methylotrophus AND (aspartokinase OR "aspartate kinase")	13:10:13	<u>2</u>
#11	Search methylotrophus AND "dihydrodipicolinate synthase"	13:09:55	<u>3</u>
#10	Search #9 AND methylotrophus	13:09:20	<u>1</u>
#9	Search "dihydrodipicolinate synthase"[Substance Name]	13:09:01	<u>68</u>
#6	Search lysine AND methylotrophus	13:07:58	<u>5</u>
#5	Search #4 AND methylotrophus	13:07:31	<u>1</u>
#4	Search #2 OR #3	13:07:10	<u>266</u>
#3	Search "lysC aspartokinase"[Substance Name].	13:06:58	<u>5</u>
#2	Search "Aspartate Kinase"[MeSH]	13:06:53	<u>266</u>

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Dec 18 2006 06:34:27

NAME: David Steadman
AU: 1656
Date: 1/8/07
Office: Remsen 2B05
Mailbox: Remsen 3C70

Please search the following sequences in commercial and interference databases:

- 1) Standard search of SEQ ID NO:6 against nucleic acid databases.
- 2) Standard search of SEQ ID NO:10 against nucleic acid databases.

Thank you very much.

David J. Steadman, Ph.D.
Primary Examiner
Art Unit 1656
Protein Crystallography and Recombinant Enzymes
Office: Remsen 2B05
Mailbox: Remsen 3C70
Phone: (571) 272-0942

Search History for 09/926,299

(FILE 'HOME' ENTERED AT 13:12:24 ON 17 JAN 2007)

FILE 'REGISTRY' ENTERED AT 13:12:41 ON 17 JAN 2007

E "ASPARTOKINASE"/CN 25

L1 1 S E3

E "DIHYDRODIPICOLINATE SYNTHASE"/CN 25

L2 1 S E3

FILE 'MEDLINE, AGRICOLA, CAPLUS, BIOSIS, EMBASE, WPIDS' ENTERED AT
13:13:47 ON 17 JAN 2007

L3 2237 S L1 OR L2

L4 3385 S L3 OR (ASPARTOKINASE OR "ASPARTATE KINASE" OR "DIHYDRODIPICOL

L5 13 S L4 AND METHYLOTROPHUS

L6 6 DUP REM L5 (7 DUPLICATES REMOVED)

=>

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	174	methylophus	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/17 13:20
L2	36	L1 and ((aspartokinase OR "apartate kinase") OR "dihydrodipicolinate synthase")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/17 13:20
L3	26	L1 and ((aspartokinase OR "apartate kinase") OR "dihydrodipicolinate syntase")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/17 13:20
L4	10	L2 NOT L3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/17 13:20
S1	10	methylophilus and (aspartokinase or (dihydrodipicolinate adj synthase))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/02/12 11:18
S2	77	"35832"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/02/11 15:59
S3	0	"35831" and bacteri	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/02/11 16:00
S4	11	"35831" and bacteri\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/02/11 16:00
S5	110	"35831"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/02/11 16:00
S6	150	methylophilus	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/02/12 08:14
S7	5	"9516042"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/02/12 14:35

EAST Search History

S8	0	"9516042" and rsfd80	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/02/12 08:15
S9	0	"9516042" and dapa*24	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/02/12 08:23
S10	0	"9516042" and dapa	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/02/12 08:23
S11	2	"6040160".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/02/12 08:23
S12	1	"6040160".pn. and dapa*24	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/02/12 08:23
S13	1	("6040160".pn. and dapa*24) and lysc*80	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/02/12 08:23
S14	2	"4824786".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/02/12 10:54
S15	6536	fermentation and methanol and (amino adj acid)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/02/12 12:04
S16	430	(fermentation and methanol and (amino adj acid)) and (amino adj acid).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/02/12 12:05
S17	84	((fermentation and methanol and (amino adj acid)) and (amino adj acid).ab.) and (l-lysine or l-threonine or l-valine or l-leucine or l-isoleucine)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/02/12 12:08
S18	150	methylophilus or methylphilus	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/02/12 12:08
S19	66	(methylophilus or methylphilus) and fermentation	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/02/12 12:09

EAST Search History

S20	42	((methylophilus or methylphilus) and fermentation) and (amino adj acid)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/02/12 12:24
S21	123	(methylo\$ or methyli\$) and ajinomoto. as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/02/12 13:32
S22	2	"2003232338".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/02/12 13:32
S23	2	"2003232338"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/02/12 13:34
S24	2	"20030124687".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/02/12 13:57
S25	44	"0037273"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/02/12 13:58
S26	2	barth.in. and methylotrophic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/02/12 13:58
S27	107	kojima.in. and ajinomoto.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/02/12 14:36
S28	25	(kojima.in. and ajinomoto.as.) and aspartokinase	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/02/12 14:36
S29	36134	gunji.in. or yasueda.in. or sugimoto.in. or tsujimoto.in. or shimaoka.in. or kawasaki-shi.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/02/13 15:25
S30	9	(gunji.in. or yasueda.in. or sugimoto. in. or tsujimoto.in. or shimaoka.in. or kawasaki-shi.in.) and (methylophilus or methylphilus)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/02/13 15:26
S31	138	kokai.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/02/13 15:27

EAST Search History

S32	0	kokai.in. and (threonine adj operon)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/02/13 15:27
S33	1	anjinomoto.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/02/13 15:28
S34	30	ajinomoto.as. and (threonine adj operon)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/02/13 15:40
S35	84	aspartokinase and (homoserine adj dehydrogenase)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/02/13 15:40
S36	37	(aspartokinase and (homoserine adj dehydrogenase)) and (homoserine adj kinase)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/02/13 15:40
S37	26	((aspartokinase and (homoserine adj dehydrogenase)) and (homoserine adj kinase)) and (threonine adj synthase)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/02/13 15:40
S38	2	"5939307".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/10/18 11:54
S39	2	"6040160".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/10/18 11:54
S40	21	methylophilus same (aspartokinase or (dihydrodipicolinate adj synthase))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/13 10:25
S41	2	"6350596".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/17 12:54
S42	174	methylophilus	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/17 12:54
S43	26	S42 and ((aspartokinase OR "apartate kinase") OR "dihydrodipicolinate syntase")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/17 13:20